

Lot Number: **PP-3391806-P**
 Client Name: **Purple peptides**
 Identity: <https://www.purplepeptides.net>

Received Date: **12/08/2025**
 Analysis Conducted: **12/15/2025**
 Searchable via: horizonanalytical.com

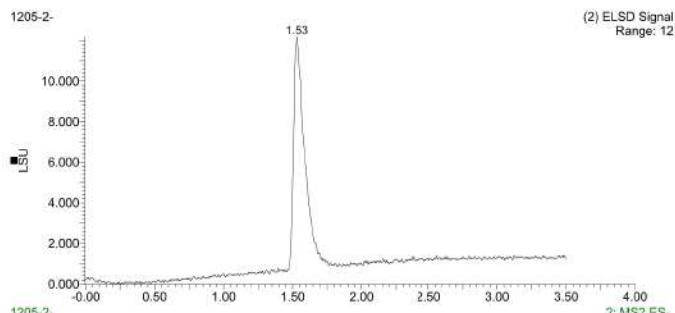
Compound:	Tirzepatide
Lot:	PP-3391806-P
Appearance:	White Lyophilized Powder

CAS:	2023788-19-2
Formula:	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈
Mol Weight:	~4813.5 g/mol

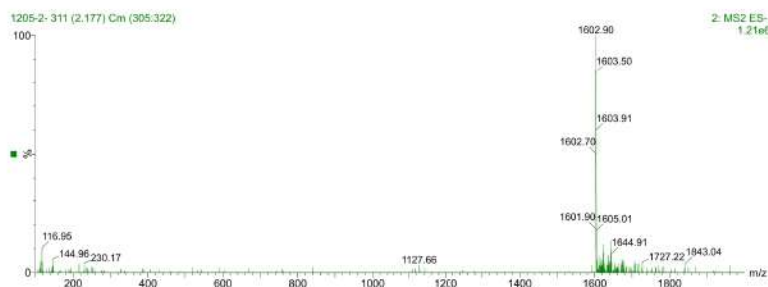
Pubchem CID: 156588324

Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	Tirzepatide	Tirzepatide	
Quantity:	10mg	10.15mg	
Purity:	>98%	99.79%	



UPLC



MS

Aleksey Yevtodiyyenko PhD
 Research and Formulation Chemist

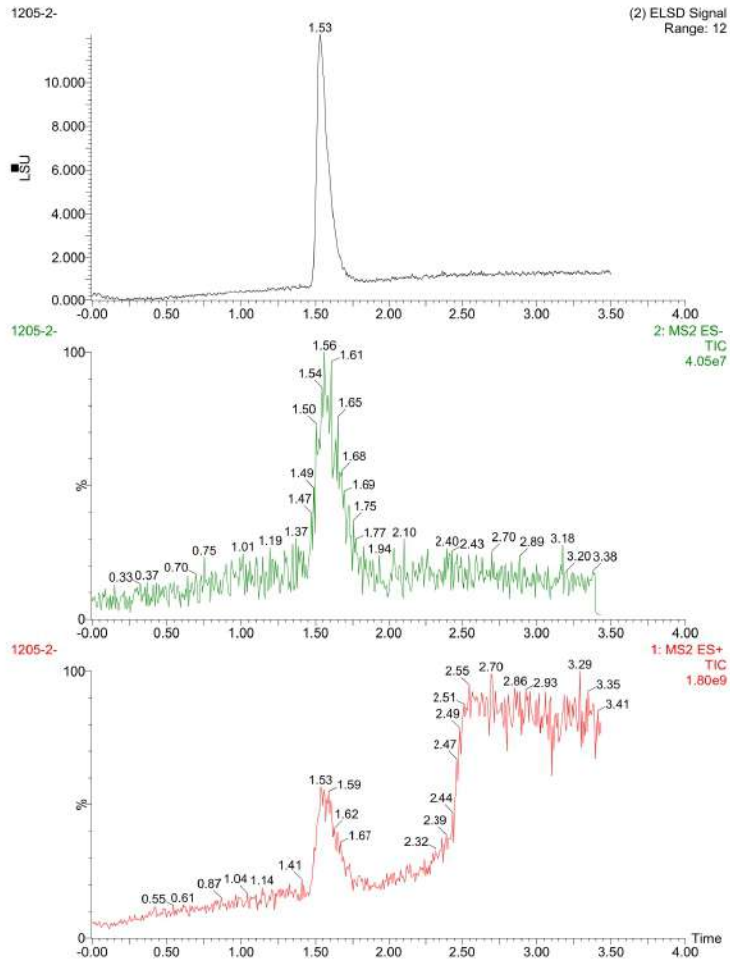


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

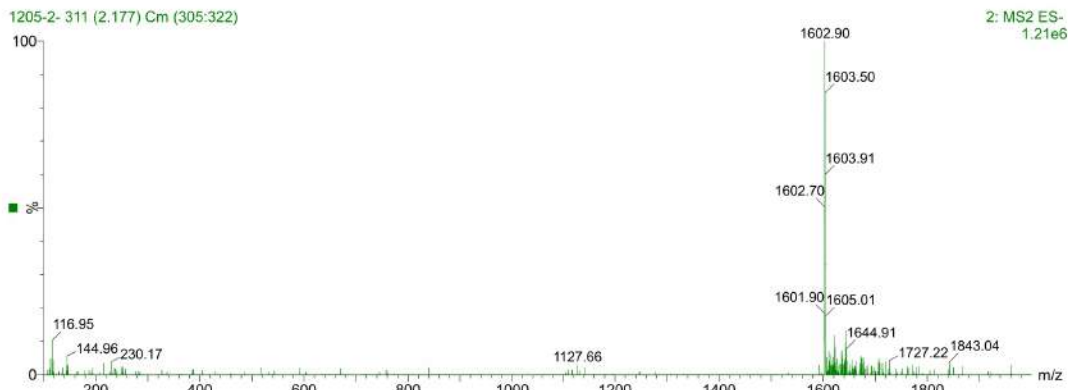
Lot Number: PP-3391806-P
 Client Name: Purple peptides
 Identity: <https://www.purplepeptides.net>

Received Date: 12/08/2025
 Analysis Conducted: 12/15/2025
 Searchable via: horizonanalytical.com

Tirzepatide (10mg) • Pubchem CID: 156588324
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Client: Purple Peptides
beau.p@purplepeptides.net
4084213038

Sample received: **02/04/26**
Analysis conducted: **02/12/26**

Compound:	Tirzepatide	CAS:	2023788-19-2
Batch/Lot #:	N/A	Formula:	C225H348N48O68
Appearance:	White lyophilized powder	Mol Wt:	4813 g/mol

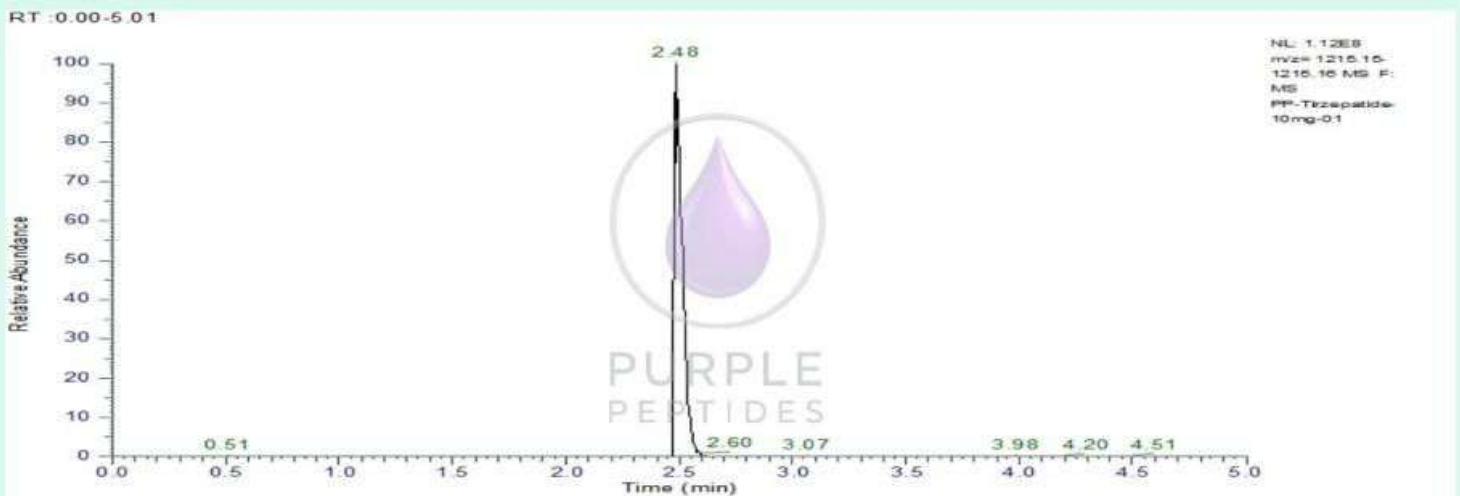
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 166567236

Tirzepatide | C225H348N48O68 | CID 166567236 - PubChem

	Specification	Result	
Identity Test:	Tirzepatide	Tirzepatide	Conforms
Purity:	>99%	99.42%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Lot Number: [PP-3391806-E](#)
 Client Name: [Purple peptides](#)
 Identity: <https://www.purplepeptides.net>

Received Date: [12/08/2025](#)
 Analysis Conducted: [12/15/2025](#)
 Searchable via: horizonanalytical.com

Compound:	Tirzepatide
Lot:	PP-3391806-E
Appearance:	White Lyophilized Powder

CAS:	2023788-19-2
Formula:	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈
Mol Weight:	~4813.5 g/mol

Pubchem CID: 156588324

Endotoxin Test

	Specification	Result	Scan to Validate:
Compound Test:	Tirzepatide	-	
Endotoxin:	-	< 0.05 EU/mL	

Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist



This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

Contact at: contact@horizonanalytical.com

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